

1/12/2018

Subject: 2017 Initial Notification of Exceptional Event (9/2/2017 & 9/4/2017) - Addendum

Dear Mr. Payton,

In November 2017 the Colorado Department of Public Health and Environment (CDPHE), Air Pollution Control Division (APCD) submitted an Initial Notification of Exceptional Events on 9/2/2017 & 9/4/2017 letter to Region 8 Environmental Protection Agency (EPA) for two wildfire smoke ozone events in calendar year 2017. Upon further consideration of these events, the APCD has identified additional data from additional sites that are to be considered for exceptional event exclusion. The purpose of this letter is to amend APCD's prior initial notification letter to include these data. The below summary lists sites and data windows for all data that is associated with these events. The bolded information are sites and data windows that are being added per this addendum.

**Wildfire Smoke Events ("RT" Request Exclusion Flag)**

**9/2/17 Event**

<b>Aurora East</b>	<b>(08-005-0006) 9/2/17, hour 9 to hour 17</b>	<b>Max 8hr O3 = 68</b>
Chatfield	(08-035-0004) 9/2/17, hour 9 to hour 17	Max 8hr O3 = 71
<b>Highland</b>	<b>(08-005-0002) 9/2/17, hour 8 to hour 17</b>	<b>Max 8hr O3 = 70</b>
<b>La Casa</b>	<b>(08-031-0026) 9/2/17, hour 9 to hour 17</b>	<b>Max 8hr O3 = 69</b>
NREL	(08-059-0011) 9/2/17, hour 8 to hour 20	Max 8hr O3 = 76
RFN	(08-059-0006) 9/2/17, hour 10 to hour 19	Max 8hr O3 = 71
Welch	(08-059-0005) 9/2/17, hour 8 to hour 18	Max 8hr O3 = 74

**9/4/17 Event**

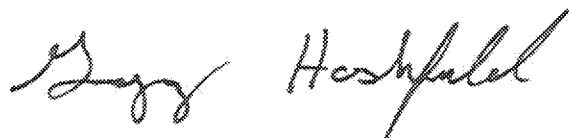
Aspen Park	(08-059-0013) 9/4/17, hour 10 to hour 19	Max 8hr O3 = 72
<b>Aurora East</b>	<b>(08-005-0006) 9/4/17, hour 9 to hour 16</b>	<b>Max 8hr O3 = 68</b>
<b>CAMP</b>	<b>(08-031-0002) 9/4/17, hour 9 to hour 17</b>	<b>Max 8hr O3 = 69</b>
Chatfield	(08-035-0004) 9/4/17, hour 9 to hour 19	Max 8hr O3 = 73
Highland	(08-005-0002) 9/4/17, hour 10 to hour 17	Max 8hr O3 = 71
<b>La Casa</b>	<b>(08-031-0026) 9/4/17, hour 9 to hour 18</b>	<b>Max 8hr O3 = 69</b>
NREL	(08-059-0011) 9/4/17, hour 7 to hour 19	Max 8hr O3 = 76
RFN	(08-059-0006) 9/4/17, hour 6 to hour 19	Max 8hr O3 = 78
Welch	(08-059-0005) 9/4/17, hour 8 to hour 19	Max 8hr O3 = 74

Specifically, these additional sites have daily max 8hr ozone concentrations that are less than the 70 ppb threshold that was used in APCD's initial selection analysis but greater than 67 ppb. It is believed that data from these sites were significantly affected by wildfire smoke and help support the significance and spatial extent of the event. All 1 hour average data associated with the forward looking 8 hour averages in excess of 67 ppb has been flagged with an "RT" exclusion flag in AQS and has been associated with the original event description.

The APCD welcomes EPA's consideration of these events and will remain available to discuss the technical merits of our evaluation and their significance to our non-attainment classification, if

requested. All subsequent exceptional event justification documents regarding these two events will be developed by APCD and submitted to EPA for concurrence. The APCD appreciates your consideration in these matters. Please feel free to contact me with questions or comments.

Regards,



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